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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/623,820	07/21/2003	Ching Cheng Chen	270-004 IQ America	5733
31179	7590	03/29/2005	EXAMINER	
JAMES D. HALL BOTKIN & HALL, LLP 105 E. JEFFERSON BLVD. SUITE 400 SOUTH BEND, IN 46601			TANG, SON M	
			ART UNIT	PAPER NUMBER
			2632	
DATE MAILED: 03/29/2005				

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No. **OK**

10/623,820

Applicant(s)

CHEN, CHING

Examiner

Son M Tang

Art Unit

2632

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 21 July 2003.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 7/21/03.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### *Claim Rejections - 35 USC § 103*

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Angott et al. [US 6,414,589; Angott] in view of Yamaguchi [US 6,420,860].

Regarding to claims 1-3: Angott discloses a remote chime assembly for connection to a primary electric doorbell 10 including a primary activation circuit 12 connected to a first power source (15), said assembly comprising:

- a remote chime 13;
- a transmitter 22';
- a second power source 29 connected to said transmitter for powering the transmitter independently of said first doorbell power source;
- a transmitter actuator 21 connectable to said doorbell primary activation circuit 18, said transmitter actuator connected to the transmitter 22' for independently actuating the transmitter [see Fig. 1-3, col. 3, lines 60-67 to col. 4, lines 1-14]. Angott does not specifically disclose a voltage storing means for independently actuates the transmitter in conjunction with activation of said doorbell switch, and said voltage storing means accumulating voltage form said first power source when in standby mode and discharging to activate the transmitter when in activation mode. Yamaguchi teaches an isolation switching system comprising a voltage storage means C1,

Art Unit: 2632

which is charging in standby mode and discharging for independently actuating PC1 switch when in activation mode of switch S1 or S2 [as shown in Fig. 3, col.6, lines 26-45]. It would have been obvious of one having ordinary skill in the art at the time of the claimed invention, to have the voltage storage C1 in the isolation switch system as taught by Yamaguchi into the system of Angott, for the benefit of conserve power and to extend the life of electronic parts and equipments, which causes by heat dissipated.

Regarding to claim 4: Angott and Yamaguchi disclose all the limitation as described in claim above, Yamaguchi further teaches an opto-coupler PC1 for activating the connected device respectively such as facsimile controller 304 [as shown in Fig. 3].

Regarding to claim 5: Angott and Yamaguchi disclose all the limitation as described in claim above, Yamaguchi further teaches first transistor Q2 and a second transistor Q1 each having on and off states, the collector of said first transistor connected to the base of said second transistor, said first transistor in its on state when said second transistor is in its off state, second transistor connected to opto-coupler PC1 and said voltage storage means C1, when Q2 on the PC1 is activated said stored voltage in the voltage storage means [as cited in Fig. 3, col. 5, lines 55-60 and col. 6 lines 9-25].

Regarding to claim 6: Angott and Yamaguchi disclose all the limitation as described in claim above, Yamaguchi further teaches first transistor Q2 is being biased by said first power source when the facsimile controller 304 (or transmitter) actuator in its said standby mode to place said first transistor Q2 in its on state, first transistor being isolated from said first power source and in its off state when PC1 in activation mode [see Fig. 3, col. 5, lines 55-60 and col. 6 lines 9-25].

Art Unit: 2632


*Conclusion*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Son M Tang whose telephone number is (571)272-2962. The examiner can normally be reached on 4/9 First Friday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Daniel J Wu can be reached on (571)272-2964. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Son Tang

  
DANIEL WU  
SUPERVISORY PATENT EXAMINER  
3/18/05